



# p39 Polyclonal Antibody

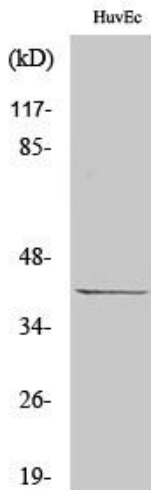
<b>Catalog No</b>	YP-Ab-12788
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	CDK5R2
<b>Protein Name</b>	Cyclin-dependent kinase 5 activator 2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDK5R2. AA range:81-130
<b>Specificity</b>	p39 Polyclonal Antibody detects endogenous levels of p39 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CDK5R2; NCK5A1; Cyclin-dependent kinase 5 activator 2; CDK5 activator 2; Cyclin-dependent kinase 5 regulatory subunit 2; p39; p39l
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	Cell membrane ; Lipid-anchor ; Cytoplasmic side .
<b>Tissue Specificity</b>	Brain and neuron specific.
<b>Function</b>	function:Activator of CDK5/TPKII.,similarity:Belongs to the cyclin-dependent kinase 5 activator family.,subunit:Heterodimer of a catalytic subunit and a regulatory subunit.,tissue specificity:Brain and neuron specific.,
<b>Background</b>	The protein encoded by this gene is a neuron-specific activator of CDK5 kinase. It associates with CDK5 to form an active kinase. This protein and neuron-specific CDK5 activator CDK5R1/p39NCK5A both share limited similarity to cyclins, and thus may define a distinct family of cyclin-dependent kinase activating proteins. [provided by RefSeq, Jul 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



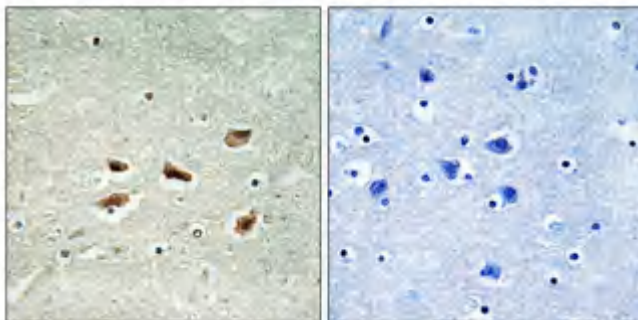
### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

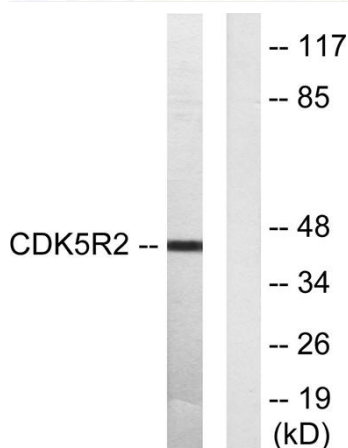
## Products Images



Western Blot analysis of various cells using p39 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogenel peptide.



Western blot analysis of lysates from HUVEC cells, using CDK5R2 Antibody. The lane on the right is blocked with the synthesized peptide.